

What is claimed is:

1. A self-fed shredder device for shavings-removing machine tools, comprising a conveyor with a channel element for feeding the shavings, a motor, and an auger conveyor extending along said channel and having an initial end driven in rotation by said motor and a terminal end which constitutes an advancing organ of a shredder assembly including an internally grooved cylindrical sleeve positioned coaxially to said terminal end of said auger conveyor, and a lobed rotor axially facing the exterior of said grooved cylindrical body and driven in rotation by said auger conveyor, wherein said lobed rotor is positioned within a generally tubular body and wherein said tubular body is laterally open around said lobed rotor.

2. A device as claimed in claim 1, wherein said tubular body is formed by a first annular flange borne coaxially by said grooved cylindrical body, a second annular flange distanced from said first annular flange and fastened thereto, and axial spacers interposed between said flanges.

3. A device as claimed in claim 1, wherein said initial end of said auger conveyor is connected to said motor by means of a rapid axial coupling assembly.

4. A device as claimed in claim 3, wherein said rapid axial coupling assembly comprises a frontal radial key projection of said initial end of the auger conveyor and a swivelling support actuated by said motor and formed with a frontal recess complementary to said key projection.

5. A device as claimed in claim 1, wherein said motor is set laterally side by side to said auger conveyor.